F.A. PROJECT NO. ASSUMED LIVE LOAD ------HS20-44 OR ALTERNATE LOADING. DESIGN FILL-----FOR OTHER DESIGN DATA AND NOTES SEE STANDARD NOTE SHEET. 3"Ø WEEP HOLES INDICATED TO BE IN ACCORDANCE WITH THE SPECIFICATIONS. CONCRETE IN CULVERTS TO BE POURED IN THE FOLLOWING ORDER: 1. WING FOOTINGS AND FLOOR SLAB INCLUDING 4" OF ALL VERTICAL WALLS. 2. THE REMAINING PORTIONS OF THE WALLS AND WINGS FULL HEIGHT FOLLOWED BY ROOF SLAB AND HEADWALLS. THE RESIDENT ENGINEER SHALL CHECK THE LENGTH OF CULVERT BEFORE STAKING IT OUT TO MAKE CERTAIN THAT IT WILL PROPERLY TAKE CARE OF THE FILL. THIS BARREL STANDARD TO BE USED ONLY ON CULVERT ON 75° SKEW AND TO BE USED WITH STANDARD WING SHEET WITH THE SAME SKEW AND VERTICAL CLEARANCE. DIMENSIONS FOR WING LAYOUT AS WELL AS ADDITIONAL REINFORCING STEEL EMBEDDED IN BARREL ARE SHOWN ON WING SHEET. TRANSVERSE CONSTRUCTION JOINTS SHALL BE USED IN THE BARREL, SPACED TO LIMIT THE PURST OF A MAXIMUM OF 70 FT. LOCATION OF JOINTS SHALL BE SUBJECT TO APPROVAL OF THE ROGINEER. AT THE CONTRACTOR'S OPTION, HE MAY SPLICE THE VERTICAL REINFORCING STEEL IN THE INTERIOR FACE OF EXTERIOR WALL ABOVE LOWER WALL CONSTRUCTION JOINT, THE SPLICE LENGTH SHALL BE AS PROVIDED IN THE SPLICE LENGTH CHART SHOWN ON THE PLANS, EXTRA WEIGHT OF STEEL DUE TO THE SPLICES SHALL BE PAID FOR BY THE CONTRACTOR. AT THE CONTRACTOR'S OPTION HE MAY SUBMIT, TO THE ENGINEER FOR APPROVAL, DESIGN AND DETAIL DRAWINGS FOR A PRECAST REINFORCED CONCRETE BOX CULVERT IN LIEU OF THE CAST-IN-PLACE CULVERT SHOWN ON THE PLANS, THE DESIGN SHALL PROVIDE THE SAME SIZE AND NUMBER OF BARRELS AS USED ON THE CAST-IN-PLACE DESIGN, FOR OPTIONAL PRECAST REINFORCED CONCRETE BOX CULVERT, SEE SPECIAL PROVISIONS. TOTAL STRUCTURE QUANTITIES CLASS A CONCRETE BARREL @\_\_\_\_CY/FT\_\_ WING FIC. TOTAL\_ C.Y. LOCATION SKETCH REINFORCING STEEL LBS. BARREI WINGS ETC. LBS. TOTAL\_ LBS. PROJECT NO.\_\_\_\_ \_ COUNTY STATION: \_\_ SHEET 1 OF 2 REVISED II-13-91 BY E.L.R. CHECKED BY ADDED 8-22-89 STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH VERTICAL LEG-6 BARREL STANDARD SINGLE FT.X FT. PROFILE ALONG & CULVERT CONCRETE BOX CULVERT 75° SKEW AUGUST REVISIONS SHEET NO. ASSEMBLED BY : \_ SPECIAL BAR TYPE DATE: NO. BY: DATE TOTAL SHEETS DIMENSIONS ARE OUT TO OUT STANDARD STD. NO. CB21A

